

ABSTRACT

A bottle exhibiting thick walls, constant material thickness, a hemispherical-shaped base-forming portion and a polygonal-shaped flange. The thick walls increase the bottle's resistance to pressure, oxygen permeation and heat, over that of traditional bottles. The hemispherical-shaped base increases the bottle's resistance to pressure, over that of traditional bottles. The polygonal-shaped flange enables processing equipment, including bottle fillers and bottle cappers, to handle the bottle.